

Title (en)

MECHANICAL TOILET LID WITH AUTOMATIC TOILET SEAT TURNING

Title (de)

MECHANISCHER TOILETTENDECKEL MIT AUTOMATISCHER TOILETTENSITZDREHUNG

Title (fr)

COUVERCLE MÉCANIQUE DE TOILETTES À ROTATION DE SIÈGE DE TOILETTES AUTOMATIQUE

Publication

**EP 3995059 A1 20220511 (EN)**

Application

**EP 20205799 A 20201104**

Priority

EP 20205799 A 20201104

Abstract (en)

The invention discloses a toilet lid, a toilet seat, and a universal base; the toilet lid and the toilet seat are both hinged on the universal base, and the toilet lid is located above the toilet seat; the universal base is provided with spring component grooves, and the inside of the spring component groove is provided with a spring fixing plug; the spring fixing plug is provided with a spring; the toilet lid and the toilet seat are installed outside the spring component grooves through the spring fixing plugs; a spring buckle is installed inside the spring component groove, and the toilet lid and the toilet seat are fixed on the universal base. In the invention, high elastic springs are added to the two sides of the connecting device between the toilet lid and the toilet seat, so that it can automatically return to a standing posture after each use.

IPC 8 full level

**A47K 13/10** (2006.01); **A47K 13/12** (2006.01); **A47K 13/26** (2006.01)

CPC (source: EP)

**A47K 13/10** (2013.01); **A47K 13/12** (2013.01); **A47K 13/26** (2013.01)

Citation (search report)

- [XAI] US 5842235 A 19981201 - MIYAZAKI KANETSUGU [JP]
- [XAI] US 2020305662 A1 20201001 - WANG YANBAI [CN]
- [A] WO 9306765 A1 19930415 - WILLOWSTONE LIMITED [IE]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 3995059 A1 20220511**

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